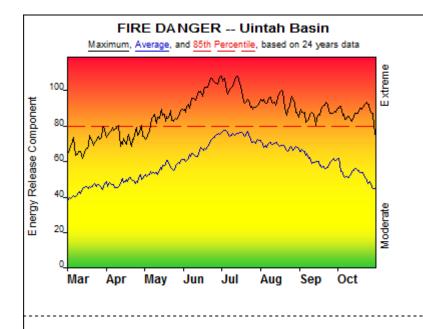
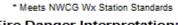
Uintah Basin Fire Danger Rating Area



Fire Danger Area:

- Uintah Basin
- 482, 485, 486, 487
- Uintah Basin SIG.





Fire Danger Interpretation:



EXTREME -- Use extreme caution (Caution) -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 1990 - 2013

Average -- shows peak fire season over 24 years (5872 observations) 85th Percentile -- Only 15% of the 5872 days from 1990 - 2013 had an Energy Release Component above 80

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior: 20' Wind Speed over 10 mph, RH less than 20%, Temperature over 74, 1000-Hour Fuel Moisture less than 11

Years to Remember: 2002 2012 Extreme NEOLA NORTH 100 Energy Release Component 80 20 May Jul Aug Sep Oct Apr Jun Fuel Model: G - Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.

Wind is NOT part of ERC calculation.

Watch local conditions and variations across the landscape -- Fuel, Weather, Topography. Listen to weather forecasts -- especially WIND.

Past Experience:

HAINES INDEX OF 6 = EXTREME fire behavior. Neola North= BI-110, ERC-99, Temp-90, RH-8, Wind-13 Sweetwater= BI-106, ERC-66, Temp-85, RH-16, Wind-20 Mail Draw= BI-72.ERC-82, Temp-82, RH-12, Wind-7 Oil and Gas operations = HAZARDS to firefighters. DO NOTdrive OVER above ground gas lines. SLOW DOWN.

Critical Percentile based on the class 5 preparedness level value. Uintah Basin SIG= 421307, 421405, 421408, 421416, 420806, 421410 (2002-2013)

Responsible Agency: BLM, USFS, NPS, BIA, State, FWS FF+4.1 build 1622 04/30/2014-16:06 (C:\Workspace\FireFamily...\UintahBasin_FDOP_2014)

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